

**CARBON DEPOSIT INHIBITING THERMAL BARRIER COATING FOR
COMBUSTORS**

ABSTRACT OF THE DISCLOSURE

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A carbon deposit inhibiting thermal barrier coating for an internal element or component in a gas turbine engine. Such coating includes a layer of thermal barrier material coated onto the surface of an engine component that will be exposed to the flow of burning engine gases. Such coating further 10 includes a layer of carbon deposit inhibiting material coated on top of the layer of thermal barrier material.